

Commonwealth of Kentucky
Division for Air Quality
PERMIT STATEMENT OF BASIS

TITLE V DRAFT PERMIT NO. V-01-002

PETROFORM INCORPORATED

FRANKLIN, KY.

JANUARY 8, 2001

JIM MORSE, REVIEWER

PLANT I.D. # 21-213-00045

APPLICATION LOG # 53422

SOURCE DESCRIPTION: Petroform is a degreasing job shop. They will receive parts to be cleaned, perform the cleaning in either Trichloroethylene (TCE), n-Propyl bromide, or an aqueous solution according to need, and ship the cleaned parts out again.

COMMENTS:

Emission points 01 and 02 are regulated by a MACT standard, 40 CFR 63, Subpart T.

There are no external emission control devices on the vapor degreasers. Controls consist of design and operational factors. Compliance will be achieved by meeting the idling emission limit found in Subpart T.

Emission factors also come from Subpart T. The factor is 0.399 lbs/ft² /hr for batch vapor degreasers. The ft² term refers to the area of the liquid surface of the vapor degreaser.

EMISSION AND OPERATING CAPS DESCRIPTION: Each vapor degreaser must emit no more than 0.045 lbs/hr/ft² of TCE while idling (not actively cleaning parts).

CREDIBLE EVIDENCE:

This permit contains provisions which require that specific test methods, monitoring or recordkeeping be used as a demonstration of compliance with permit limits. On February 24, 1997, the U.S. EPA promulgated revisions to the following federal regulations: 40 CFR Part 51, Sec. 51.212; 40 CFR Part 52, Sec. 52.12; 40 CFR Part 52, Sec. 52.30; 40 CFR Part 60, Sec. 60.11 and 40 CFR Part 61, Sec. 61.12, that allow the use of credible evidence to establish compliance with applicable requirements. At the issuance of this permit, Kentucky has not incorporated these provisions in its air quality regulations.